

WHAT IS CLAIMED IS:

1. A terminal layout structure of a two-layer electronic card connector, comprising:

(a) a plastic main body, a front end face of the plastic main body being formed with a first insertion socket and a second insertion socket parallel to each other, multiple upper terminal cavities being side by side arranged in the first insertion socket, multiple lower terminal cavities being side by side arranged in the second insertion socket, the lower terminal cavities respectively projectively corresponding to the upper terminal cavities;

(b) multiple upper terminals, first sections of the upper terminals extending in the upper terminal cavities of the first insertion socket, bottom ends of second sections of the upper terminals being connected on a circuit board; and

(c) multiple lower terminals, first sections of the lower terminals extending in the lower terminal cavities of the second insertion socket, bottom ends of second sections of the lower terminals being connected on the circuit board, in the case that the second sections of the upper and lower terminals projectively aligned with each other in the same row are respectively connected with different contacts of the circuit board, the rear end face of the plastic main body being formed with a rear terminal stem receptacle corresponding to the upper terminal cavities of the first insertion socket, the second sections of the upper terminals being inserted in the rear terminal stem receptacle, the front end face of the plastic main body being formed with a front terminal stem receptacle corresponding to the lower terminal cavities of the second

insertion socket, the second sections of the lower terminals being inserted in the front terminal stem receptacle.

2. The terminal layout structure of a two-layer electronic card connector as claimed in claim 1, wherein the first section of the upper terminal resiliently extends in lower side of the upper terminal cavity of the plastic main body for connecting with a bottom contact of the inserted electronic card, the second section of the upper terminal downward windingly extending from the rear end of the first section into the rear terminal stem receptacle of the rear end face of the plastic main body, the bottom end of the second section of the upper terminal being connected on the circuit board.

3. The terminal layout structure of a two-layer electronic card connector as claimed in claim 2, wherein at least one insertion plate horizontally projects from one side of the second section of the upper terminal for correspondingly inserting into an insertion cave formed on inner side of the rear terminal stem receptacle.

4. The terminal layout structure of a two-layer electronic card connector as claimed in claim 1, wherein the first section of the lower terminal resiliently extends from the front end face of the plastic main body into the lower side of the lower terminal cavity for connecting with a bottom contact of the inserted electronic card, the second section of the lower terminal downward windingly extending from the front end of the first section into the front terminal stem receptacle of the front end face of the plastic main body, the bottom end of the second section of the lower terminal being connected on the circuit board.

5. The terminal layout structure of a two-layer electronic card

connector as claimed in claim 4, wherein at least one insertion plate horizontally projects from one side of the second section of the lower terminal for correspondingly inserting into an insertion cave formed on inner side of the front terminal stem receptacle.

6. The terminal layout structure of a two-layer electronic card connector as claimed in claim 1, wherein the first section of the upper terminal resiliently extends in the upper side of the upper terminal cavity of the plastic main body for connecting with a top contact of the inserted electronic card, the second section of the upper terminal downward windingly extending from the rear end of the first section into the rear terminal stem receptacle of the rear end face of the plastic main body, the bottom end of the second section of the upper terminal being connected on the circuit board.

7. The terminal layout structure of a two-layer electronic card connector as claimed in claim 6, wherein at least one insertion plate horizontally projects from one side of the second section of the upper terminal for correspondingly inserting into an insertion cave formed on inner side of the rear terminal stem receptacle.

8. The terminal layout structure of a two-layer electronic card connector as claimed in claim 1, wherein the first section of the lower terminal is substantially C-shaped and inward resiliently extends from the front end face of the plastic main body into the lower terminal cavity, a free end of the first section of the lower terminal being positioned on upper side of the lower terminal cavity for connecting with a top contact of the inserted electronic card, the second section of the lower terminal downward windingly extending from the front end of the first section

into the front terminal stem receptacle of the front end face of the plastic main body, the bottom end of the second section of the lower terminal being connected on the circuit board.

9. The terminal layout structure of a two-layer electronic card connector as claimed in claim 8, wherein at least one insertion plate horizontally projects from one side of the second section of the lower terminal for correspondingly inserting into an insertion cave formed on inner side of the front terminal stem receptacle.